# TECHNICAL NEWS LETTER

## ■ Anniversary Program of Late Kakasaheb Wagh, Late Tatyasaheb Boraste And Late Kakusheth Udeshi

Anniversary program of Late Kakasaheb Wagh, Late Tatyasaheb Boraste and Late Kakusheth Udeshi was arranged on 22nd July 2016 in Central Office of K. K. Wagh Education Society, Nashik. Mr. Arunbhai Gujarathi (Ex-Speaker, Maharashtra Legislative Assembly), Mr. Rushikesh Ayachit (Retired Announcer, Nashik Aakashwani), Corporator Mr. Ajay Boraste, Renowned Poet Mr. Meghraj Bafna and other dignitaries were present on the occasion. In the beginning, Principal Dr. Nandurkar briefed the members about the program. Prof. Dr. (Mrs.) Preeti Bhamare introduced the guests of the function. Speaking on the occasion Mr. Gujrathi said that the foresightedness and social service of the trio is a source of inspiration for generations to come. Education will help to build confidence in the new generation. Mr. Ayachit took a review of the generous service rendered by the three great personalities. Mr. Boraste and Mr. Bafna also hailed the generous contributions of Kakasaheb, Tatyasaheb and Kakusheth for the betterment of the society.

Hon. Shri. Balasaheb Wagh, President of K. K. Wagh Education Society, Trustee Hon. Changdeorao Holkar, Hon. Ashok Merchant, Hon. Sameer Wagh, Secretary Prof. K. S, Bandi, Mr. Ajinkya Wagh, Mr. Keshavrao Bhosale, Mr. Shivdas Daga, Architect Magar, Architect Pawar, Adv. Jadhav, Adv. Dilip Vanarse, Ex-Principal Prof. D. D. Barve, Dr. V. D. Barve, Mr. K. S. Kshirsagar, Mr. Ashokrao Wagh, Mr. Raghunathrao Wagh, Mr. Suresh Shete, Mr. Borgude, Mr. Suresh Bhoj, teaching and non-teaching staff, students and other dignitaries were present for the function.


Speech by Mr. Arunbhai Gujarathi

## ■ Tree Plantation By NSS

NSS had organized tree plantation activity on 1st July 2016 at Brahmanwade near Trambakeshwar in association with Forest department Nashik. Ten different types of trees were planted by NSS volunteers. In this activity total 2500 saplings were planted by 110 NSS volunteers under the supervision of four staff members from our college and five staff from Forest Department. During this activity senior social worker Dr. Yashawant Barve, Shri. Munshettiwar, Dr. Shirshikar and Shri. Devchand Mahale guided our volunteers. Mr. Khairnar (Senior Forest Officer) helped for smooth conduction of this activity.


Tree Plantation by NSS

## Visit at R.V.College of Engineering, Bangaluru

On 7th July 2016, Principal Dr. K. N. Nandurkar, Prof. Dr. Sunil Kute, Prof. Dr. Sunil S. Morade and Shri. Umesh K. Gaikwad visited R. V. College of Engineering, Bangaluru to study the implementation of Autonomy.



Our staff with Principal and Dean of R. V. College of Engineering, Bangaluru

A meeting of few alumni members was held in Bangaluru in presence of Principal Dr. K. N. Nandurkar to plan for the next grand Alumni Meet in Bangaluru in September 2016.



A meeting of few alumni members in Bangaluru

## Lecture By Shri. Shivrupanand Swamiji

NSS had organized expert talk on topic "Responsibilities as a Citizen and how to behave in Society" by Shri. Shivrupanand Swamiji (Bharat Sevashram Sangh, Raipur) on 29th July 2016. Principal Dr. K. N. Nandurkar felicitated all the dignitaries on the dais.



Felicitation of Swamiji by Principal Dr. K. N. Nandurkar

## Karmaveer Premier League

Karmaveer Premier League was organized by the Gymkhana department of our institute. Cricket and Football tournaments were played.



Cricket Winner Team (Production Dept.) along with Physical Director Prof. T. K. Kandekar, Prof. Dr. P. J. Pawar and Prof. Dr. S. R. Gangurde



Football Winner Team (Mechanical Dept.)

## Expert Lecture/Seminar/Courses/Worshop Organized:

- Computer Engineering department organized an expert talk on "Computer Forensic and Cyber Security" by Mr. Tanmay S. Dikshit and Mr. Paresh P. Chitnis on 18th & 19th July 2016 and a lecture on "'Android Memory Management and UEFI'" by Mr. Mayuresh Pardeshi on 2nd July 2016.

- E & TC Engineering Department organized One day workshop on "Team Building and Motivation" for SE students by Mr. Subodh Deshmukh on 5th July 2016, Workshop on Project Selection & development for BE students by ME students on 11th July 2016, Interactive Session on "New Trends in VLSI Technology" for TE students by Ms. Zeal Sheth (Alumni) on 12th July 2016 and an Expert talk on "Life Management" (TE E&TC, TE Electronics) by Swami Shrikanthanandaji, President of Shri Ramakrishna Arogya Sansthan, Anjaneri (Nashik) on 14th July 2016. Same department also organized an expert lecture on "Basics of Microcontroller and applications" for TE E&TC by Miss. Matale Minal, M. E. Student, KKWIEER, Nashik on 21st July 2016, Expert

K.K. Wagh Education Society's
K.K. Wagh Institute of Engineering Education and Research, Nashik.

TECHNICAL NEWS LETTER : July-2016

lecture on "Real time intelligent transportation system based on VNET" for TE E&TC by Miss. Pallavi Targe on 21st July 2016 and Expert lecture on "Embedded and IoT" by Mr. Ankur Sugandhi, Director, Business Strategy, Skillsity Bangalore on 21st July 2016. Same department also organized an expert lecture on "Automotive Electronics" for BE E&TC by Mr. Gaurav Shende, Mercedez Benz, Bangalore on 21st July 2016 and expert lecture on "Nanotechnology: A New Frontier" by Dr. Sanket Mahajan on 26th July 2016.

- Mechanical Department organized Webinar on 'CAD\CAM Rapid prototyping' by Mr. Nishant Shah on 13th July 2016, Webinar on 'IC Engine' by Mr. Nishant Yash 19th July 2016 and an expert talk on "Competitive Exams and its Preparation" by Mr. Ravindra Khatale (IAS selected Candidate in UPSC-2015 Exam) on 21st July 2016.

- Electrical Department organized Expert lecture on "Project Guidance: Selecting and Executing Project" by Mr. Sudhir Patil on 12th July 2016 and an expert lecture on "Micro-grid and Future Power System Network" by Mr. Omkar Buva 08th July 2016. Same department also organized an expert lecture on "Communication Skills: Planning for Interview" by Ms. Nandita Ray on 22nd July 2016 and an expert lecture on "Demonstrations of HV Switchgear Products" by Mr. Ambarish Gokhale on 29th July 2016.

- Chemical Engineering Department organized Expert Talk on "Glass Lined Reactor and Design" by Mr. Gaurang Desai, Senior Manager, GMM Pfaudler Process Solution, Mumbai on 1st July 2016, Expert Talk on "Entrepreneurship Development" by Mr. Sunil Chandak, Director Udyogvardhini, Nashik on 7th July 2016 and Expert Talk on "Analytical Techniques" by Mr. Rohan Pawar, Director, RAP Consultancy, Nashik on 13th July 2016. Same department also organized expert talk on "Environmental Engineering and Science" by Mr. S. K. Kshirsagar Sectional Engineer, Hydrology Project, Nashik and an expert lecture by Mr. B. H. Shrikanth Chief Consultant, Sciencia Project Consultant, Pune on Industrial projects.

- Information Technology Department had organized one day workshop on "Team Building & Motivation" by Mr. Subodh Deshmukh, CEO, Rangshastra Textiles, Hyderbad on 7th July 2016, Seminar on "Project Management" by Mr. Gourang Ambulkar, Alumni of our institute on 13th July 2016 and One day interactive session on "Sponsored Projects-Opportunities with Credence Core, Pune" with Mr. Mohan Kulkarni, Project Manager, Honeywell Tech., Pune on 16th July 2016. Same department also organized a seminar on "Hybrid Mobile Apps" by Mr. Mayur Patil, founder and CEO of Maurya Cravings Pvt., Ltd., Nashik and Logicwaves Pvt., Ltd., Nashik on 20th July 2016, Two days workshop on "Software Modeling & Design" by Prof. Darshan Medhane, Asst. Professor, SCOE, Pune on 23rd & 24th July 2016 and a seminar "Google Technologies" by Mr. Shashank Todwal, Google Certified Deployment Specialist, UMS Tech Labs Nashik on 30th July 2016.

- MCA department organized Expert Lecture on "Android Application Development" by Mr. Nikhil Shahane, Director, Bluesky, Nashik on 2nd July 2016 and expert lecture on "Entrepreneurship: Challenges and Qualities" by Dr. Amol Pednekar, Director, Amol Technologies, Nashik on 9th July 2016. Same department also organized an expert lecture on "Software Testing" by Mr. Harshal Deshmukh, Senior software tester, Winjit Technologies, Nashik on 23rd July 2016 and seminar on "Safe Net Surfing" by Mr. Shoeb Patel, CTO of Hackers Hook E-learning, Advocate of Cyber law on 26th July 2016.

### ■ Seminars/Workshop/Training attended by Staff:

- Principal Dr. K. N. Nandurkar and Prof. Dr. Sunil Kute attended one day FDP on "Blended Teaching with MOOCs" at IIM Bangaluru.

- Computer Engineering department staff Prof. N. G. Sharma & Prof. R. H. Jadhav attended two day workshop at Sandip College of Engineering on 7th to 9th July 2016.

- Chemical Engineering Staff Prof. Tejmal B. Mahale attended Five days workshop at Vishveshwarya National Institute of Technology (VNIT) Nagpur "Process modeling and simulation using Matlab" during 15th to 19th July 2016.

- Information Technology departmental staff Prof. S. K. Badjate attended One day FDP on "Fundamentals of data Structures" at PVG's COE, Pune on 8th July 2016

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# K.K. Wagh Institute of Engineering Education and Research, Nashik.

### TECHNICAL NEWS LETTER : July-2016

### ■ Industrial Visits Organized For Students:

| Date | Class | Name of Company |
|---|---|---|
| 25/07/2016 | SE Mechanical (Div. A) | Advantage Foundation, Nashik |
| 26/07/2016 | SE Mechanical (Div. B) | Advantage Foundation, Nashik |
| 30/07/2016 | BE Chemical | Catapharma Pvt., Ltd., Sinnar |

### ■ Training & Placement :

| Name of Company | Name of the Dept. | No.of students selected |
|---|---|---|
| Technoforce Solutions (I) Private Ltd., Nashik | Chemical Engg. | 01 |

### ■ Other Achievements:

Principal Dr. K. N. Nandurkar was invited as judge on 26/07/2016 for the $4^{th}$ competition by Mahindra & Mahindra Ltd. The program was held at NEC, Ambad where case studies were presented by Worker Kaizen Groups. He was also invited as Chief Guest for inauguration of Story Telling competition at K. K. Wagh Agriculture College under the पुण्यतीथी कार्यक्रम – शालेय स्पर्धा on 30/07/2016.

### ■ Abstracts of papers presented during June 2016:

### Multiple verification for continuous secure user authentication

#### Prof. Mrs. Poonam Mahale

(Papers published in International Journal of Advanced Research in Computer and Communication Engineering)

**Abstract:** In the field of internet services secure internet services is important issue. Traditional distributed internet services are based on session management of username password, logouts and user session expiration based on timeouts. Biometric authentication provides solution to substitute password with biometric information in session creation with single verification. In proposed work, additional level of security can be provided & multiple verification can deployed for authentication. In this paper we present continuous authentication of user by multiple authentication. The user identity is continuously verified by applying different authentication in session management. A secure data flow with privacy preservation for the session management by using biometric systems will be offered. This paper described a technique used to secure raw data along with dummy bit insertion in hash code & for less memory utilization. The use of biometric allows identity to be obtained clearly. The result we have obtained based on real data from this research is satisfactory.

**Keywords:** Web Security, Authentication, Continuous Authentication, Biometric Authentication, Web Services.

**Book Review:** Book Title: Usability and Human - Computer Interaction -A Concise Study
Author: S A Kelkar
ISBN: 978-81-203-5162-2
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Publisher: PHI learning Private Limited, New Delhi

The comprehensive introduction to Usability engineering and Human Computer Interaction (HCI) is one of the distinctive books with its extensive exposure and thorough approach in this area. This book is accessible in a way that it covers the entire usability lifecycle that makes it useful for students, as well as for anyone who is interested in learning more about user interfaces. In each chapter the focus is on a different scientific analysis and approach with an identical format. The SWOT analysis for Indian IT industries and Human-Computer interactions is given in chapter 1. Chapter 6 demonstrates many practical examples on how to apply usability principles in web design, and what is the positive effect on visitors consequently.

The chapters emphasize on both developmental processes and techniques involved in HCI. Chapter 9 focuses on the use of sound in interfaces which is the process to reach out to the maximum number of people with their design requirements. The chapters includes Interface Development Process, Interface Design Guidelines as well as the topics are elaborated with diagrams and flowcharts that are relevant to learn concepts of HCI, and to give a foundation in HCI theory, which will help to make the learning process more instructive.

The book gives emphasis on methods which can be implemented immediately by developer, and guide readers throughout the development lifecycle.

The book was thorough, all statements and facts were properly supported by footnotes, referencing to an attached appendix for supplemental information. The content in all the three appendixes is seen as additional reference information which is supporting the main material within the book.

**Review by:** Ms. Preeti P. Vaidya
Assistant Professor, Department of Computer Engineering, K K Wagh Institute of Engineering Education & Research, Nashik, Maharashtra, India

Prof. Dr. K. N. Nandurkar
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